

MANOR WOODS ADD.

MANOR WOODS

$$TANGENT = R \tan \frac{1}{2} I$$

SHEET 2 OF 2.

CURVE #8

$$\Delta = \frac{8-18}{2} = 4-09$$

$$RADIUS = 463.46 \text{ FT.}$$

$$TAN. = 33.60 \text{ FT.}$$

$$DEF. = 1-02'-30''$$

$$2-05'-00''$$

$$3-07'-30''$$

$$4-10'-00''$$

$$CHORD LENGTHS = 16.82 \text{ FT.}$$

$$CURVE LENGTH = 56.7 \text{ FT.}$$

~~CH~~

CURVE #7

$$\Delta = \frac{9-10}{2} - 4-35$$

$$RADIUS = 573.71$$

$$TAN. = 45.95 \text{ FT.}$$

$$DEF. = 1-08'-45''$$

$$2-17'-30''$$

$$3-26'-15''$$

$$4-35'-00''$$

$$CHORD LENGTHS = 22.83$$

$$CURVE LENGTH = 91.55 \text{ FT.}$$

~~CH~~

CURVE #5

$$\Delta = \frac{4-00}{2} = 2-00$$

$$RAD. = 909 \text{ FT.}$$

$$TAN = 31.72$$

$$DEF = 0-30'$$

$$1-00$$

$$1-30$$

$$2-00$$

$$CHORD LENGTHS = 15.80$$

$$CURVE LENGTH = 62.82 \text{ FT.}$$

CURVE #6

$$\Delta = \frac{3-16}{2} = 1-38$$

$$RADIUS = 1002 \text{ FT.}$$

$$TAN. = 28.55 \text{ FT.}$$

$$DEF. = 0-24'-30''$$

$$0-49'-00''$$

$$1-13'-30''$$

$$1-38'-00''$$

$$CHORD LENGTHS = 14.22 \text{ FT.}$$

$$CURVE LENGTH = 56.66 \text{ FT.}$$

MANOR WOODS

SHEET 1 OF 2

CURVE #1 $\Delta = \frac{8-18}{2} = 4-09$

TAN. = 30 FT.

RADIUS = 30 x Cot. of 4-09 = 13.782 x 30 = 413.46 FT.

DEF. = 1-02-30
2-05-00
3-07-30
4-10-00

CHORD LENGTHS = RADIUS x SIN. OF 2-05 = 413.46 x .036353 = 15.03 FT.

CURVE LENGTH = $2\pi R = 2597.85$ = CIRCUMF. $\frac{8-15}{360} = 0.2305\%$, $2597.85 \times .02305 = 59.88$ FT.

CURVE #2 $\frac{2-10}{2} 4-35$

TAN. = 50 FT

RAD = 623.71'

DEF. 1-08-45
2-17-30
3-26-15
4-35-00

CHORD LENGTHS = 24.85 FT.

CURVE LENGTH = 99.57 FT.

—H—

CURVE #3 $\Delta = \frac{3-16}{2} = 1-38$

TAN = 30'

RADIUS = 1052 FT

DEF. 0-24'-30"
0-49'
1-13'-30"
1-38

CHORD LENGTHS = 14.94

CURVE LENGTH = 59.49

CURVE #4

$\Delta = \frac{4-00}{2} = 2-00$

TAN. = 30 FT.

RADIUS = 859 FT.

DEF. = 0-30
1-00
1-30
2-00

CHORD LENGTHS = 14.94 FT.

CURVE LENGTH = 59.38 FT

138
50
188
100
288

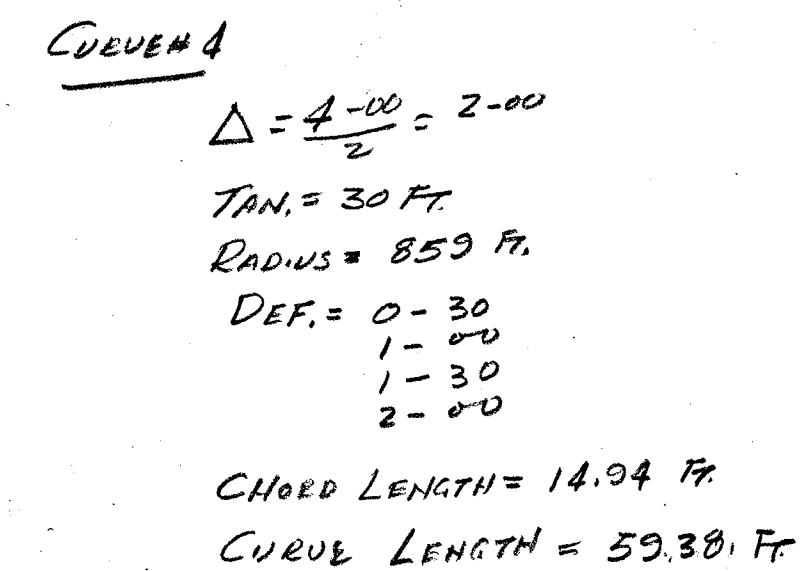
My Commission expires _____ 19__

APPROVED-Monroe County Plan Commission

President

Notary Public.

NO.	ANGLE	TAN	RADIUS
1	8-18.	30	413.46
2	9-10	50	623.71
3	3-16	30	1052
4	4-00	30	859
5	4-00	31.72	909
6	3-16	28.55	1002
7	9-10	45.95	573.71
8	8-18	33.60	463.46

$$\begin{array}{r} 143 \\ 143 \\ \hline 286 \\ 286 \\ \hline 572 \end{array}$$


CURVE #8

$\Delta = 8-18$
RAD = 443.46
TAN = 33.60
DEF = 1-02-30 16.80
2-05-00 16.80
3-07-30 16.80
4-10-00 16.80

CHORD LENGTH = 16.82

CURVE LENGTH = 67.0

CURVE #7

$\Delta = 9-10$
RAD = 573.71
TAN = 45.35
DEF = 1-08-45 22.85
2-17-30 22.85
3-26-15 22.85
4-35-00 22.85

CHORD LENGTH = 22.85

CURVE LENGTH = 91.55

CURVE #6

$\Delta = 3-16$
RAD = 1002.71
TAN = 28.55
DEF = 0-24-30 14.30
1-13-30 14.30
2-28-00 14.30

CHORD LENGTH = 14.30

CURVE LENGTH = 56.66

CURVE #5

$\Delta = 4-04$
RAD = 909.71
TAN = 31.72
DEF = 0-30-15 15.82
1-15-00 15.82
2-02-00 16.1

CHORD LENGTH = 15.82

CURVE LENGTH = 62.82

CHORD LENGTH = 16.1

CURVE LENGTH = 62.82

CHORD LENGTH = 16.1

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CURVE LENGTH = 62.82

CHORD LENGTH = 16.1

CURVE LENGTH = 62.82

CURVE #1 = $\Delta = 8-18$

TAN = 30.77
RAD = 443.46
DEF = 1-02-30 14.97
2-05-00 14.97
3-07-30 14.97
4-10-00 14.97

CHORD LENGTH = 14.97

CURVE LENGTH = 57.88

CURVE #2

$\Delta = 9-10$
TAN = 50.77
RAD = 623.71
DEF = 1-08-45 24.85
2-17-30 24.85
3-26-15 24.85
4-35-00 25.3

CHORD LENGTH = 24.85

CURVE LENGTH = 99.51

CURVE #3

$\Delta = 3-16$
RAD = 1002.71
TAN = 28.55
DEF = 0-24-30 14.30
1-13-30 14.30
2-28-00 14.30

CHORD LENGTH = 14.30

CURVE LENGTH = 56.66

CURVE #4

$\Delta = 4-04$
RAD = 909.71
TAN = 31.72
DEF = 0-30-15 15.82
1-15-00 15.82
2-02-00 16.1

CHORD LENGTH = 15.82

CURVE LENGTH = 62.82

CHORD LENGTH = 16.1

CURVE LENGTH = 62.82

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CURVE LENGTH = 62.82

